Application/Control No.

10/729,981

Examiner

NABIL Z. HINDI

Applicant(s)/Patent under Reexamination

CHUNG ET AL.

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|--|-------------|----------|----------------|----------|----------|--------------|----------|-----------|---|--------------|----------|------------------|----------|---------------|-----------|-------------------------|---|---|---|-------------------------|---------|-----|---------------|----------|----------|----------|----------|-------------|----------|--|----------|----------|----------|
| 1  | Final       | Original |                | -        | <b>.</b> |              |          |           |   |              |          | Final            | Original |               |           |                         |   |   |   |                         |         |     | Final         | Original |          |          |          |             |          |  |          |          |          |
| S  |             | ٠        | -              | -        | H        | $\vdash$     | ┝╌       | $\vdash$  | Н   | +            | _        |                  |          | Н             | $\dashv$  | -                       | -   | +   | +   | +-                      | +       |     |               |          |          |          |          |             | $\vdash$ |  | -        |          |          |
| 3       =       103       104       104       104       105       106       105       106       105       106       107       108       109       105       106       107       107       108       109        109<  |             |          | Ξ              |          | -        | <del> </del> | ┢        | $\vdash$  | Н   | -            | $\dashv$ |                  | 52       | Н             | $\dashv$  | $\dashv$                | $\dashv$  | $\dashv$  | +   | ╁                       |         | ł   | -             | 101      | _        |          |          | H           | H        |  | $\dashv$ | $\dashv$ |          |
| 4       5       106       106       105       106       106       106       106       106       107       108       108       108       108       109       108       109       108       109       109       109       109       109       110       111       111       112       112       112       113       114       114       114       114       114       114       114       114       114       114       114       114       114       114       114       114       114       114       115       116       117       116       117       117       118       116       116       117       118       118       118       118       118       118       118       118       119       120       120       121       121       122       123       123       124       124       124       124       124       124       124       124       124       124       124       124       124       124       124       124       124       124       127       128       129       130       131       131       132       132       132       132       134       134       134       134 </td <td></td> <td></td> <td>=</td> <td></td> <td></td> <td><math>\vdash</math></td> <td><math>\vdash</math></td> <td><math>\vdash</math></td> <td><math>\vdash</math></td> <td>-</td> <td>_</td> <td></td> <td></td> <td>Н</td> <td><math>\forall</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td>+</td> <td>+</td> <td>╁</td> <td>+</td> <td>1  </td> <td></td> <td>102</td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>_</td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td>_</td>   |             |          | =              |          |          | $\vdash$     | $\vdash$ | $\vdash$  | $\vdash$  | -            | _        |                  |          | Н             | $\forall$ | $\dashv$                | $\dashv$  | +   | +   | ╁                       | +       | 1   |               | 102      |          |          |          | -           | -        | _  | $\dashv$ | $\dashv$ | _        |
| 5         —         105         —         106         —         106         —         107         —         106         —         107         —         —         107         —         —         107         —         —         107         —         —         107         —         —         108         —         107         —         —         108         —         9         —         —         108         —         9         —         —         108         —         108         —         9         —         —         108         —         109         —         —         109         —         108         —         109         —         —         108         —         111         —         —         66         —         111         —         —         66         —         111         —         —         66         —         111         —         —         111         —         —         66         —         111         —         —         111         —         —         111         —         —         111         —         —         111         —         —         —         111  |             |          | =              | $\vdash$ | -        |              | $\vdash$ | -         | -   |              | _        |                  | 54       |               | -         |                         | $\dashv$  | $\dashv$  | +   | +                       | +       | 1   | -             | 103      |          | H        | _        | _           | _        | -  | $\dashv$ | $\dashv$ |          |
| 6       =       106       107       108       107       108       107       108       107       108       109 </td <td></td> <td></td> <td>=</td> <td></td> <td></td> <td></td> <td></td> <td><math>\vdash</math></td> <td><math>\vdash</math></td> <td>_</td> <td>1</td> <td><u> </u></td> <td>55</td> <td></td> <td>-</td> <td></td> <td><math>\dashv</math></td> <td><math>\top</math></td> <td>+</td> <td>╈</td> <td>+</td> <td>1 1</td> <td>-</td> <td>105</td> <td></td> <td>Н</td> <td>_</td> <td>_</td> <td>_</td> <td>H</td> <td>-</td> <td><math>\dashv</math></td> <td><math>\dashv</math></td>   |             |          | =              |          |          |              |          | $\vdash$  | $\vdash$  | _            | 1        | <u> </u>         | 55       |               | -         |                         | $\dashv$  | $\top$  | +   | ╈                       | +       | 1 1 | -             | 105      |          | Н        | _        | _           | _        | H  | -        | $\dashv$ | $\dashv$ |
| 8       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$ </td <td>-</td> <td></td> <td>=</td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td><math>\neg</math></td> <td>٦.</td> <td></td> <td>56</td> <td>Н</td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\top</math></td> <td>+</td> <td>+-</td> <td>+-</td> <td></td> <td>-</td> <td>106</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><math>\vdash</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td>  | -           |          | =              |          |          | _            |          |           |   | $\neg$       | ٦.       |                  | 56       | Н             | $\dashv$  | $\dashv$                | $\dashv$  | $\top$  | +   | +-                      | +-      |     | -             | 106      |          |          |          |             |          |  | $\vdash$ | $\dashv$ | $\dashv$ |
| 8       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$        \$       \$       \$       \$       \$       \$       \$       \$ </td <td></td> <td></td> <td>=</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>П</td> <td></td> <td><math>\neg</math></td> <td>-</td> <td>57</td> <td>Н</td> <td>7</td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\top</math></td> <td>+</td> <td>+</td> <td>+</td> <td>i</td> <td></td> <td>107</td> <td>_</td> <td></td> <td>-</td> <td>-</td> <td></td> <td>_</td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td><math>\neg</math></td>  |             |          | =              |          |          |              |          |           | П   |              | $\neg$   | -                | 57       | Н             | 7         | $\dashv$                | $\dashv$  | $\top$  | +   | +                       | +       | i   |               | 107      | _        |          | -        | -           |          | _  | $\dashv$ | $\dashv$ | $\neg$   |
| 10   |             | 8        | =              |          |          |              |          |           |   |              |          |                  | 58       |               |           | 寸                       | 寸   | 1   | 十   | 1                       | +       | 1   |               | 108      |          |          |          | _           |          |  |          | $\dashv$ | $\neg$   |
| 10   |             |          | =              |          |          |              |          |           | П   | $\neg$       |          |                  | 59       | П             |           | ヿ                       | $\neg$  | T   | 7   |                         | 1       | 1   |               | 109      |          | $\neg$   |          |             |          | _  |          | 寸        |          |
| 11   |             | 10       | =              |          |          |              |          |           |   |              |          |                  | 60       | П             |           | 寸                       |   | 7   | $\dashv$  |                         | 1       |     |               | 110      |          |          |          | _           |          |  | 7        | ヿ        | $\neg$   |
| 13   |             |          | =              |          |          |              |          |           |   |              |          |                  | 61       |               |           | T                       | T   |   |   | T                       |         |     |               | 111      |          |          |          |             |          |  |          | $\neg$   |          |
| 13   |             | 12       | =              |          |          |              |          |           |   |              |          |                  | 62       |               |           |                         |   | T   | T   | T                       |         |     |               | 112      |          |          |          | _           |          |  |          | $\neg$   | $\neg$   |
| 16   |             | 13       | 2              |          |          |              |          |           |   |              |          |                  | 63       |               |           |                         |   | $\Box$  |   |                         |         |     |               | 113      |          |          |          |             |          |  | $\dashv$ | $\dashv$ | $\neg$   |
| 16   | <u> </u>    |          | =              |          | Ш        |              |          | $\square$ |   |              | _        |                  | 64       |               |           |                         | $\Box$  | $\Box$  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | Ι                       |         | ]   |               | 114      |          |          |          |             |          |  |          |          | $\neg$   |
| 16 -         66         116         117         118         119         120         120         120         121         120         121         120         121         121         122         123         124         124         124         124         124         124         124         124         124         124         124         124         125         126         125         125         126         127         127         127         127         127         127         127         127         127         127         128         129         130         128         129         130         130         131         131         132         133         133         133         133         133         133         133         133         133 <td><u> </u></td> <td>15</td> <td>=</td> <td>Ш</td> <td>Ш</td> <td>L</td> <td>_</td> <td>Ш</td> <td>Щ</td> <td></td> <td>_</td> <td></td> <td>65</td> <td></td> <td></td> <td><math>\Box</math></td> <td><math>\Box</math></td> <td><math>\Box</math></td> <td></td> <td>Ι</td> <td></td> <td></td> <td></td> <td>115</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><math>\Box</math></td> <td></td>  | <u> </u>    | 15       | =              | Ш        | Ш        | L            | _        | Ш         | Щ   |              | _        |                  | 65       |               |           | $\Box$                  | $\Box$  | $\Box$  |   | Ι                       |         |     |               | 115      |          |          |          |             |          |  |          | $\Box$   |          |
| 17 = 1       18 = 67       117       118       118       118       119       118       119       119       120       121       120       121       120       121       120       121       120       121       122       122       123       122       123       123       123       123       123       124       124       125       126       126       126       126       126       126       126       127       127       128       128       128       128       128       129       129       130       130       130       131       131       130       131       131       131       131       131       132       133       133       133       133       133       133       133       133       133       133       133       133       133       133       133       134       134       135       135       136       137       136       137       136       137       136       137       136       137       136       137       138       138       139       139       140       141       141       141       141       141       142       142       143       144       144   | <u> </u>    |          | 三              | Ш        | Ш        | Ш            | <u> </u> | Ш         | Ш   |              | _        |                  | 66       |               | $\Box$    | $\Box$                  | $oldsymbol{\perp}$                                | $oldsymbol{ol}}}}}}}}}}}}}}}$ |   |                         |         | [   |               | 116      |          |          |          |             |          |  |          | $\Box$   |          |
| 19 =   | <u> </u>    |          |                | _        | Ш        | Щ            | <u> </u> | Ш         | Ш   |              | _        |                  | 67       | Ш             | $\bot$    |                         |   |   |   |                         |         |     |               | 117      |          |          |          |             |          |  |          |          |          |
| 120  | <u> </u>    |          |                | -        |          |              | L_       | Ш         | Щ   | $-\!\!\perp$ |          |                  | 68       | $\Box$        | [         | _[                      |   |   |   |                         |         | [   |               | 118      |          |          |          |             |          |  | $\Box$   |          |          |
| 21   | <u> </u>    | 19       | Ξ              | _        |          |              |          |           | Щ   |              | _        |                  | 69       | $\Box$        | _         |                         |   |   |   |                         |         |     |               | 119      | _        |          |          |             |          |  |          |          |          |
| 22         122         123         123         123         123         123         123         123         123         123         124         125         125         125         125         126         126         126         127         127         127         127         127         127         127         128         129         129         130         130         130         130         130         130         130         130         131         131         131         131         132         133         133         133         133         133         133         133         133         133         133         134         135         135         135         135         135         136         136         137         137         137         137         137         137         138         139         139         139         139         139         139         139         139         139         139   | <u> </u>    | 20       | =              | _        | Ш        | Щ            |          |           | Щ   | _ _          | _        |                  | 70       |               | _         | _                       | $\downarrow$                                      | $\perp$   |   | _                       | 丄       |     |               | 120      |          |          |          |             |          |  |          | $\Box$   |          |
| 24         75         124         125         126         126         126         126         126         127         127         127         128         128         128         129         129         129         129         129         129         130         130         130         130         131         131         131         131         131         132         132         132         133         133         133         133         133         133         133         133         134         134         134         134         134         134         134         134         134         134         134         134         134         135         135         136         136         136         136         137         137         138         138         138         138         138         138         138         138         138         138         139         140         141         141         142         143         144         144         142         143         144         144         144         145         145         146         146         147         147         148         149         149         149         149         149  |             |          | =              |          |          |              |          | Щ         |   | $\perp$      | _        | $\vdash$         | 71       | Ш             | 4         | _                       |   |   |   | ┸                       |         |     |               | 121      | _        |          |          |             |          |  |          | $\sqcup$ |          |
| 24         75         124         125         126         126         126         126         126         127         127         127         128         128         128         129         129         129         129         129         129         130         130         130         130         131         131         131         131         131         132         132         132         133         133         133         133         133         133         133         133         134         134         134         134         134         134         134         134         134         134         134         134         134         135         135         136         136         136         136         137         137         138         138         138         138         138         138         138         138         138         138         139         140         141         141         142         143         144         144         142         143         144         144         144         145         145         146         146         147         147         148         149         149         149         149         149  | <u> </u>    | 22       | _              | -        | _        | $\vdash$     |          | Ш         | $\sqcup$  | _            | 4        | $\vdash$         | 72       |               | _         | 4                       | 1   | _   | _   | $\perp$                 | $\perp$ |     |               | 122      | _        |          |          |             |          |  |          |          |          |
| 25         125         126         126         126         126         127         128         127         127         128         127         128         127         128         129         129         129         130         130         130         131         131         131         131         132         133         132         132         132         132         133         133         133         134         134         134         134         134         135         135         136         135         136         137         136         137         138         138         138         138         139         140         141         141         141         142         142         142         142         142         143         144         144         144         144         145         145         146         147         148         149   | <del></del> |          |                | $\dashv$ |          |              |          | Н         | $\dashv$  |              | 4        |                  | 73       |               | 4         | $\dashv$                | _   | $\perp$   | _   | 4                       | 4_      |     |               | 123      | _        |          |          |             |          |  |          | $\dashv$ | _        |
| 26       126       126       127       128       127       78       128       127       78       128       128       129       129       130       130       130       131       131       131       131       131       131       131       132       133       133       133       133       133       133       133       133       133       133       133       133       133       134       134       135       135       136       137       136       137       138       138       138       138       138       138       138       138       139       140       141       141       142       143       144       142       143       144       144       144       144       144       144       144       144       145       146       147       146       147       148       148       149<  | <del></del> | 24       | -              |          | -        |              |          | Н         | $\dashv$  | +            | 4        | $\vdash$         | /4       | _             | 4         | -                       | 4   | $\perp$   |   |                         | 4       |     |               | 124      | _        |          |          |             |          | _  | 4        | $\dashv$ | _        |
| 27       127       128       128       128       128       128       129       128       129       129       130       130       130       131       131       131       131       131       131       132       132       133       133       133       133       133       133       133       133       133       133       133       133       133       133       133       133       134       134       134       134       134       135       135       135       135       136       135       136       137       137       138       138       138       138       138       139       140       141       141       141       141       141       141       142       142       142       144       144       144       144       144       144       144       144       144       144       145       146       146       147       148       148       149       14  |             | 25       | -              |          |          | $\vdash$     |          |           | $\dashv$  | +            | $\dashv$ |                  | /5       | $\dashv$      | +         | $\dashv$                | +   | +   | +   | +                       |         |     | _             | 125      | _        |          | _        |             |          | _  | 4        | 4        |          |
| 28       78       128         29       80       129         30       80       130         31       81       131         32       82       132         33       83       133         34       84       134         35       85       135         36       86       136         37       88       88         39       88       138         39       90       140         41       91       141         42       92       142         43       94       144         44       94       144         45       96       146         47       97       148         49       99       149   |             | 27       | $\blacksquare$ |          |          | $\vdash$     |          |           | $\dashv$  |              | -        |                  | 76       |               | $\dashv$  | $\dashv$                | - -   | +   | +   |                         | 4-      |     | $\rightarrow$ | 126      |          | _        | _        |             |          | $\dashv$                                       | 1        | _        | ᅴ        |
| 29       79       129         30       80       130         31       81       131         32       82       132         33       83       133         34       84       134         35       85       135         36       86       136         37       88       138         39       88       138         39       90       140         41       91       140         41       91       141         42       92       142         43       94       144         44       94       144         45       96       146         47       97       148         48       99       149  |             | 28       |                |          | -        | $\vdash$     |          | -         | $\dashv$  |              | -        | $\vdash$         | 77       | $\dashv$      | -         | $\dashv$                | +   | +   | - -   | +                       | $\perp$ |     |               | 127      | _        | -        |          |             | -        | $\dashv$                                       | _        |          | ᅴ        |
| 30       80       130       131         31       81       131       132         33       84       134       134         35       85       135       135         36       86       136       137         38       88       138       138         39       88       138       138         39       90       140       141         41       91       140       141         42       92       142       142         43       94       144       144         45       96       146       147         48       99       148       148         49       99       149       149  |             | 20       | -              |          |          | $\dashv$     |          | Н         | $\dashv$  | +            |          | <del>     </del> | 70       | $\dashv$      | -         | +                       | +   | +   | +   | ┿                       |         |     | +             | 128      | _        |          |          | -           | -        | $\dashv$                                       |          | $\dashv$ | ᅴ        |
| 31     81       32     131       33     83       34     134       35     85       36     136       37     87       38     88       39     89       40     90       41     91       42     92       43     94       44     94       45     96       46     96       47     97       48     98       49     99   |             | 30       |                |          | $\dashv$ | -            |          | $\vdash$  | -   | +            | -        | $\vdash$         |          | $\overline{}$ | +         | $\dashv$                | +   | +   | +   | +                       | +       |     |               | 129      | $\dashv$ | -        |          | -           |          | -  | -+       | $\dashv$ | $\dashv$ |
| 32     33       34     35       36     37       38     87       39     89       40     90       41     91       42     92       43     93       44     94       45     96       48     99       49     99       148     99       148     99       148     99       149     149   |             | 31       | -              | $\dashv$ | -        | -+           |          | $\vdash$  | $\dashv$  | -+           | -        | -                | 81       | -             | $\dashv$  | $\dashv$                | +   | +   | ┿   | +                       | +       | -   |               | 130      |          | $\dashv$ | $\dashv$ | $\dashv$    |          | $\dashv$                                       | $\dashv$ | $\dashv$ |          |
| 33     84       35     85       36     86       37     88       39     89       40     90       41     91       42     92       43     93       44     94       45     96       47     98       48     99       149  |             | 32       | $\dashv$       |          | $\dashv$ | $\dashv$     |          | $\vdash$  | -   | $\dashv$     | +        | $\vdash$         | 82       | $\dashv$      | $\dashv$  | +                       | +   | +   | +   | ╁                       | +       |     |               | 131      | $\dashv$ | $\dashv$ |          |             | -        | -  | -+       | $\dashv$ | $\dashv$ |
| 34       84       134       135         35       86       135       136         37       87       137       137         38       88       138       139         40       90       140       141         41       91       141       142         42       92       142       143         43       93       143       144         45       95       145       146         46       96       146       147         48       98       149       149  |             | 33       | H              | _        |          | -            | _        |           | -   | +            | ┨        |                  | 83       | $\dashv$      | $\dashv$  | +                       | +   | ╅   | ┰   | +                       | +       | H   |               | 132      | $\dashv$ | $\dashv$ | $\dashv$ |             | $\dashv$ | -  | -+       | $\dashv$ | $\dashv$ |
| 35       36       37       38       37       38       39       38       39       38       39 <td< td=""><td></td><td>34</td><td></td><td></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td>-</td><td>-</td><td>84</td><td><math>\dashv</math></td><td><math>\dashv</math></td><td>+</td><td>+</td><td>+</td><td>╁</td><td>+</td><td>+</td><td>   </td><td><math>\rightarrow</math></td><td>134</td><td>-</td><td></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td></td><td><math>\dashv</math></td><td>+</td><td>ᅱ</td></td<>   |             | 34       |                |          | $\dashv$ | $\dashv$     |          | $\dashv$  | $\dashv$  | $\dashv$     | -        | -                | 84       | $\dashv$      | $\dashv$  | +                       | +   | +   | ╁   | +                       | +       |     | $\rightarrow$ | 134      | -        |          | $\dashv$ | $\dashv$    | $\dashv$ |  | $\dashv$ | +        | ᅱ        |
| 36     86       37     136       38     137       38     138       39     139       40     90       41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     149   |             |          | Н              | ᅱ        | $\dashv$ | $\vdash$     | $\neg$   | $\vdash$  | $\vdash$  | +            | $\dashv$ | <del>     </del> | 85       | +             | $\dashv$  | +                       | +   | +   | +-  | +                       | +       |     |               | 135      | $\dashv$ | $\dashv$ | -        | $\dashv$    |          |  | $\dashv$ | 十        | $\dashv$ |
| 37       38       38       38       38       38       39       38       39       38       39       39       38       39 <td< td=""><td></td><td></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\neg</math></td><td><math>\vdash</math></td><td><math>\vdash</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\vdash</math></td><td>86</td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td>+</td><td>+</td><td>╅</td><td>+</td><td>+</td><td>   </td><td><math>\dashv</math></td><td>136</td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td>+</td><td><math>\dashv</math></td></td<> |             |          | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$     | $\neg$   | $\vdash$  | $\vdash$  | $\dashv$     | $\dashv$ | $\vdash$         | 86       | $\dashv$      | $\dashv$  | $\dashv$                | +   | +   | ╅   | +                       | +       |     | $\dashv$      | 136      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$ | $\dashv$                                       | $\dashv$ | +        | $\dashv$ |
| 38       39       138       139       139       139       140       140       140       140       140       141       141       141       141       141       141       141       141       142       142       143       143       143       143       144       144       144       144       144       144       145       145       146       146       147       147       148       148       148       149       140       140       141       141       141       142       142       143       143       144  |             | 37       | $\exists$      | $\dashv$ | $\dashv$ | $\dashv$     | $\neg$   |           |   | +            | $\dashv$ |                  | 87       | -             | $\dashv$  | +                       | +   | +   | +   | +                       | +       |     | _             | 137      | -        | -        | $\dashv$ | $\dashv$    | $\dashv$ |  | $\dashv$ | 十        | $\dashv$ |
| 39       89       139         40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       148         49       99       149  |             | 38       |                | $\dashv$ | 一        | $\dashv$     | $\neg$   |           | $\dashv$  | +            | 1        |                  | 88       | _             | $\dashv$  | $\dashv$                | +   | +   | +   | ┰                       | +       |     |               | 138      | $\dashv$ | -        | ┪        | $\dashv$    | $\dashv$ | -  | -+       | $\dashv$ | ᅱ        |
| 40     90       41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  |             | 39       |                | $\neg$   | ᅥ        | ヿ            | $\neg$   | _         |   | $\top$       | 7        |                  | 89       |               | -         | +                       | +   | +   | +   | +-                      | +       |     |               | 139      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$    |          | $\dashv$                                       | $\dashv$ | +        | ᅱ        |
| 41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  |             | 40       |                | $\neg$   |          | $\neg$       | $\neg$   | $\Box$    |   | $\dashv$     | 7        |                  | 90       |               | 十         | +                       | $\dashv$  | +   | $\top$  | +                       | +       |     | - 1           | 140      |          |          | ┪        |             |          | -  | $\dashv$ | $\dashv$ | ᅱ        |
| 42       43       44       45       46       47       48       49  |             | 41       |                |          |          |              | T        |           | $\neg$  | $\neg$       | ٦        |                  | 91       |               | $\dashv$  | $\top$                  | $\top$  | $\dashv$  | $\top$  | T                       | +       |     |               | 141      | 1        | 1        | $\dashv$ | -           | $\dashv$ | $\dashv$                                       | $\dashv$ | $\dashv$ | $\dashv$ |
| 43     93       44     94       45     95       46     96       47     97       48     98       49     99  |             | 42       |                |          |          |              |          |           |   | T            | 7        |                  | 92       |               | $\neg$    | 1                       | $\top$  | $\top$  | $\top$  | T                       | $\top$  | İ   |               |          | -        | -        | ᅥ        | $\dashv$    | 寸        | -  | $\dashv$ | $\dashv$ | ᅱ        |
| 44     94       45     95       46     96       47     97       48     98       49     99  |             | 43       |                |          |          |              |          |           |   |              |          |                  | 93       | 寸             | $\neg$    | $\top$                  | 1   | $\top$  | $\top$  | $\top$                  | $\top$  | ľ   |               | 143      | 7        | _        | ┪        | 一           | $\dashv$ | $\dashv$                                       | $\dashv$ | 十        | $\dashv$ |
| 45     95       46     96       47     97       48     98       49     99  |             | 44       |                | $\Box$   |          |              |          |           |   |              |          |                  |          |               |           | _                       |   |   |   | Т                       | П       | Ī   | $\neg$        | 144      |          |          | $\neg$   | 一           | 一        | $\neg$   | $\dashv$ | $\neg$   | $\neg$   |
| 46     96       47     97       48     98       49     99  |             |          | $\Box$         | $\Box$   | $\Box$   |              |          |           |   |              |          |                  | 95       |               |           |                         | ┰   | J   |   | $\top$                  | П       |     |               | 145      | 7        | $\neg$   |          | T           | 寸        |  | $\dashv$ | $\dashv$ | ヿ        |
| 47       48       49       97       147       148       148       149       149  |             |          |                |          |          |              |          | $\Box$    | $oldsymbol{ol}}}}}}}}}}}}}}}$ |              |          |                  | 96       | $\Box$        |           | ⅃ℾ                      |   |   |   | Π                       |         | -   |               | 146      |          | $\neg$   |          | $\neg$      | $\Box$   | 寸  | $\neg$   | 1        | ᅱ        |
| 49 99 149  | ]           |          |                |          |          |              | ]        |           | $\Box$  |              | _        |                  |          |               | $\Box$    | $oldsymbol{\mathbb{T}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\int$  | Ι   | $\perp$                 |         | Ī   |               | 147      |          |          |          | _1          |          |  |          | $\neg$   | ヿ        |
| 49 99 149 149  |             | 48       |                |          | _        | _            |          |           | [   | $\bot$       | _        |                  |          |               |           | $oxed{\Box}$            | $oxed{\Box}$                                      | $\perp$   |   | $oldsymbol{\mathbb{L}}$ |         |     |               | 148      |          | $\Box$   |          |             |          | J  |          | ┚        | $\Box$   |
| FO   |             |          |                | _        |          | _            |          |           |   |              | _        |                  |          |               |           | $_{\perp}\Gamma$        |   |   |   |                         |         |     |               | 149      |          |          |          |             |          |  |          |          | $\Box$   |
|  | - 1         | 50       |                |          |          |              |          |           |   | _L           | ╛        |                  | 100      |               |           |                         |   |   |   |                         |         |     |               | 150      | J        |          |          | J           | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{J}}}$ | $\Box$   |          |          |